



Automotive Industry
 Smart Home
 Telecommunication
 Health Care

LEESYS – RELIABLE, CONVINCING AND POWERFUL
 AT A MAXIMUM LEVEL OF PERSONAL SUPPORT.
 YOUR EXCITEMENT IS OUR SATISFACTION!

FACTS

- Total area: 50,000 sq meters
- Electronics manufacturing: 6,500 sq meters
- 8 SMT assembly lines
- 1,380,000 components/hour capacity
- 12 million boards/year
- Plastic manufacturing: 3,500 sq meters
- 13 plastic injection molding systems
- Clamping forces from 250t to 420 t
- High rack warehouse: 3,000 sq meters
- Automated warehouse for small parts for 30,000 boxes
- Automated high rack warehouse for 1,700 palletes
- Driverless transport system
- Direct access to excellent traffic infrastructure:
 Highway A9, A14 and A38
 Airport Leipzig-Halle with DHL Hub

QUALITY AND CERTIFICATIONS

- High quality competence based on 100 years manufacturing experience
- Customer satisfaction analysis
- Zero error strategy
- Environmental protection, safety at work and health protection
- Information security management
- Energy management system
- Environmental management system
- Continuous improvement process (CIP)
- Comprehensive certifications:
 ISO 9001:2008
 ISO/TS 16949:2009
 ISO 14001:2015
 ISO 50001:2011
 ISO/IEC 27001:2013

© Leesys – Leipzig Electronic Systems GmbH
 Hertzstraße 2 | 04329 Leipzig
www.leesys.com

Contact:
 Phone +49 341 271-5503
vertrieb@leesys.com



ELECTRONIC MANUFACTURING SERVICES
Made in Germany

As an Electronic Manufacturing Service provider, Leesys is offering

- Design and production of electronic devices and systems
- Testing and inspection devices
- Electronic and plastic parts from one source under the same roof
- Assembly of devices and logistics services up to after sales services

Leipzig Electronic Systems GmbH
www.leesys.com





LEESYS PORTFOLIO

Do as others do: Choose Leesys as your powerful and cost-efficient Electronics Manufacturing partner next-door! With the background of almost 100 years of electronic manufacturing experience we produce PCB assemblies and complete devices following our vision: Secure hardware for secure communication.

DEVELOPMENT

- Hardware
- Circuit design
- Board development
- Hardware based programming
- Production oriented qualification of components
- Component optimization
- Re-Design and layout optimization
- EMC simulation
- EMC testing
- Software development
- Housing design and development
- Manufacturing of prototypes and samples
- Test case and use case development
- Design For Manufacturing (DFM)
- Design For Test (DFT)
- Design To Cost (DTC)
- Project management
- Design FMEA, PPAP, APQP

PCB MANUFACTURING

- Surface Mounted Technology (SMT)
 - laser marking
 - stencil printing
 - assembling of components 01005
 - QFP, BGA, FC-CSP, QFN, 0,4 mm Fine Pitch
 - inline programming
 - reflow soldering under protective gas (N)
- Vapor phase soldering
- Through Hole Technology (THT)
 - manual assembling
 - radial assembling
 - selective soldering, wave soldering, robots soldering
- Depanelizing
 - sawing, milling, roll cutting
- Product protection
 - finishing, sealing, underfilling
- Traceability on component and board level



LEESYS PORTFOLIO

From early design to final distribution we cover the entire value-added chain. With our Electronic Manufacturing Services we provide you development and production of superior electronic modules, plastic parts and complete devices – all under the same roof.

PLASTIC PROCESSING

- Engineering and tooling
- One- and two-component injection molding
- In-mold decoration, in-mold labeling
- Sandwich injection molding
- Multi-color tampon printing
- Laser technology
- Hot caulking and ultrasonic welding

INSPECTION AND TEST

- Automated Optical Inspection (AOI) (3D AOI for solder paste, component and solder joint)
- Flying-probe, in-circuit-test, boundary scan
- On-board programming
- 2,5D and 3D X-Ray inspection
- Functional testing on board and device level
- Reliability testing (burn-In)
- High frequency testing
- End-of-line testing
- Safety testing
- Traceability of process and testing data

ASSEMBLY

- Manual assembly and testing stations
- Automatic assembly and testing lines
- Board and device assembly
- System assembly
- Cabel packaging
- Display assembly
- Automatic assembly of electronic contact systems
- Customer specific packaging concepts

MATERIAL UND LOGISTIC

- Worldwide purchasing
- Integration of customer material provision
- Supplier management
- Sourcing marketing and pricing management
- Contract management
- Obsolescence management
- Escalation and allocation management
- Consignment stock
- Customs handling
- Customer specific after sales services